

CLAIMS

1. A wireless communication terminal comprising:

a measurement section that measures quality of a signal transmitted from a base station;

5 a determination section that determines whether or not handoff is to be performed based on a measurement result of the measurement section and a criterion of the determination of the handoff; and

a handoff section that performs the handoff based on a determination result of the determination section,

10 wherein the determination section changes the criterion of the determination of the handoff when the handoff section performs the handoff in a predetermined repetition pattern.

15 2. The wireless communication terminal according to claim 1,

wherein the determination section changes the criterion of the determination of the handoff when a predetermined repetition of two pilot signals is acquired.

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3. The wireless communication terminal according to claim 2,

wherein when qualities of the two pilot signals

acquired repeatedly are equal to or greater than a predetermined value, the criterion of the determination of the handoff is changed.

5 4. The wireless communication terminal according to claim 1, further comprising:

a detection section that detects time during which a preceding pilot signal is acquired every time handoff is performed,

10 wherein the determination section changes the criterion of the determination of the handoff based on the time detected by the detection section.

5. A wireless communication terminal comprising:

15 a measurement section that measures quality of a signal transmitted from a base station;

a determination section that determines whether or not handoff is to be performed based on a measurement result of the measurement section and a criterion of the 20 determination of the handoff; and

a handoff section that performs the handoff based on a determination result of the determination section,

wherein the determination section determines whether or not the handoff is to be performed based on a value 25 obtained by time-averaging the measurement result of the

measurement section immediately after the handoff is performed, and determines whether or not the handoff is to be performed based on a value obtained by number-averaging the measurement result of the measurement section after a 5 lapse of a predetermined period since the handoff is performed.

6. The wireless communication terminal according to any one of claims 1 to 5,

10 wherein the wireless communication terminal enables to be in an idle state condition with both methods of cdma2000 1x method and 1xEVDO method, and the determination section is used as section for determining a handoff of cdma2000 1x method.

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7. A handoff determination method of a wireless communication terminal which performs wireless communication with base stations using each of a first communication method and a second communication method and 20 enables to be in an idle state condition with both methods, the handoff determination method comprising the steps of:

measuring quality of a signal transmitted from a base station;

determining whether or not a handoff is to be 25 performed based on a measurement result and a criterion of

the determination of the handoff;

performing the handoff based on a determination result; and

5 changing the criterion of the determination of the handoff when the handoff section performs the handoff in a predetermined repetition pattern.

8. The handoff determination method according to claim 7,

10 wherein the criterion of the determination of the handoff is changed when two pilot signals are repeatedly acquired.

9. The handoff determination method according to claim 15 8,

wherein when qualities of the two pilot signals acquired repeatedly are equal to or greater than a predetermined value, the criterion of the determination of the handoff is changed.

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10. The handoff determination method according to claim 7,

wherein time during which a preceding pilot signal is acquired is detected every time handoff is performed, and 25 the criterion of the determination of the handoff is

changed based on the detected time.

11. A handoff determination method comprising the steps of:

5       measuring quality of a signal transmitted from a base station;

          determining whether or not a handoff is to be performed based on a measurement result and a criterion of the determination of the handoff; and

10      performing the handoff based on a determination result,

          wherein whether or not the handoff is to be performed is determined based on a value obtained by time-averaging the measurement result of the measurement section

15     immediately after the handoff is performed, and whether or not the handoff is to be performed is determined based on a value obtained by number-averaging the measurement result of the measurement section after a lapse of a predetermined period since the handoff is performed.

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12. The handoff determination method according to any one of claims 7 to 11,

          wherein the handoff determination method is used for a wireless communication terminal which enables to be in an idle state condition with both methods of cdma2000 1x

method and 1xEVDO method, and whether or not handoff of the cdma2000 1x method is to be performed is determined.